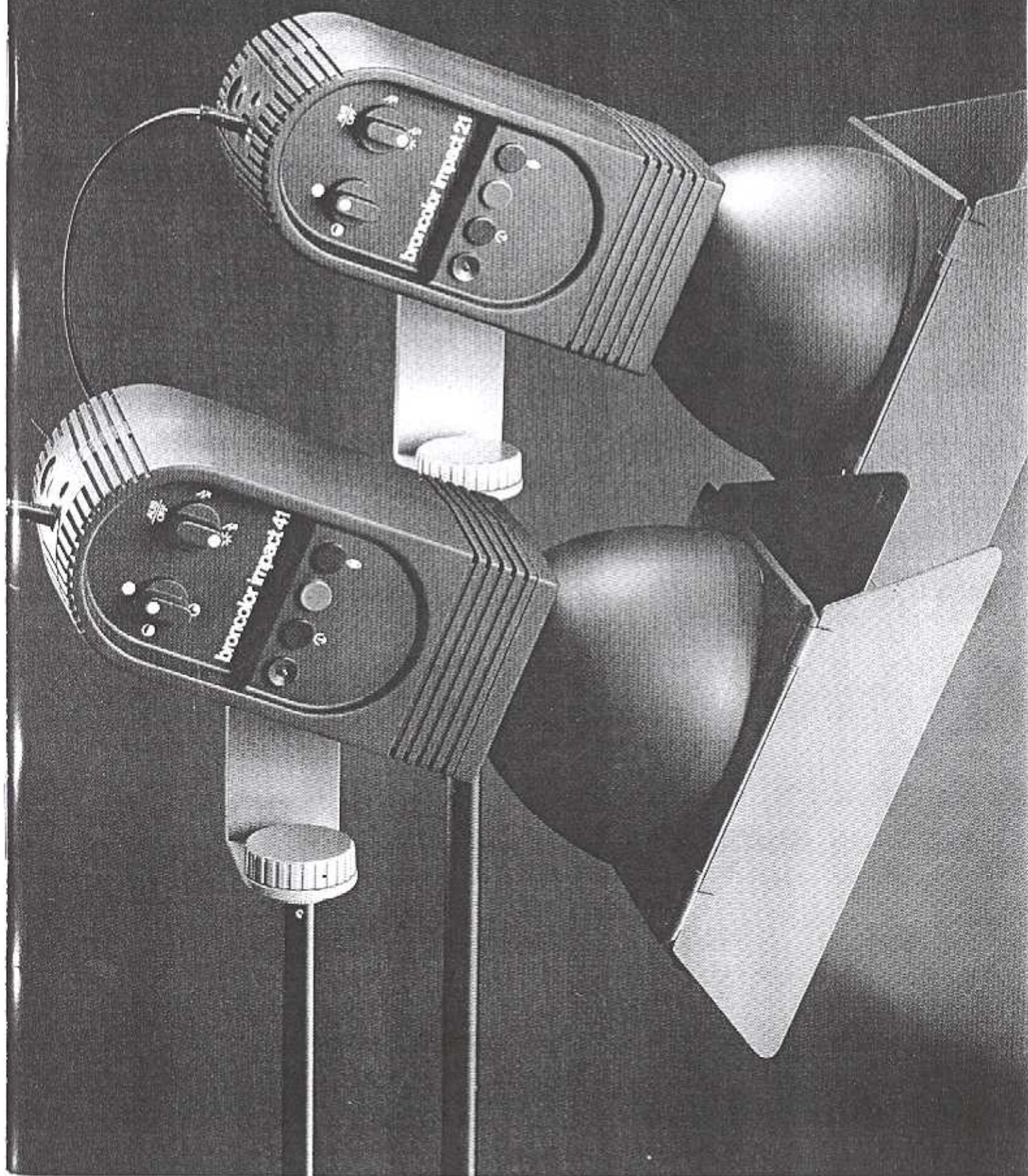
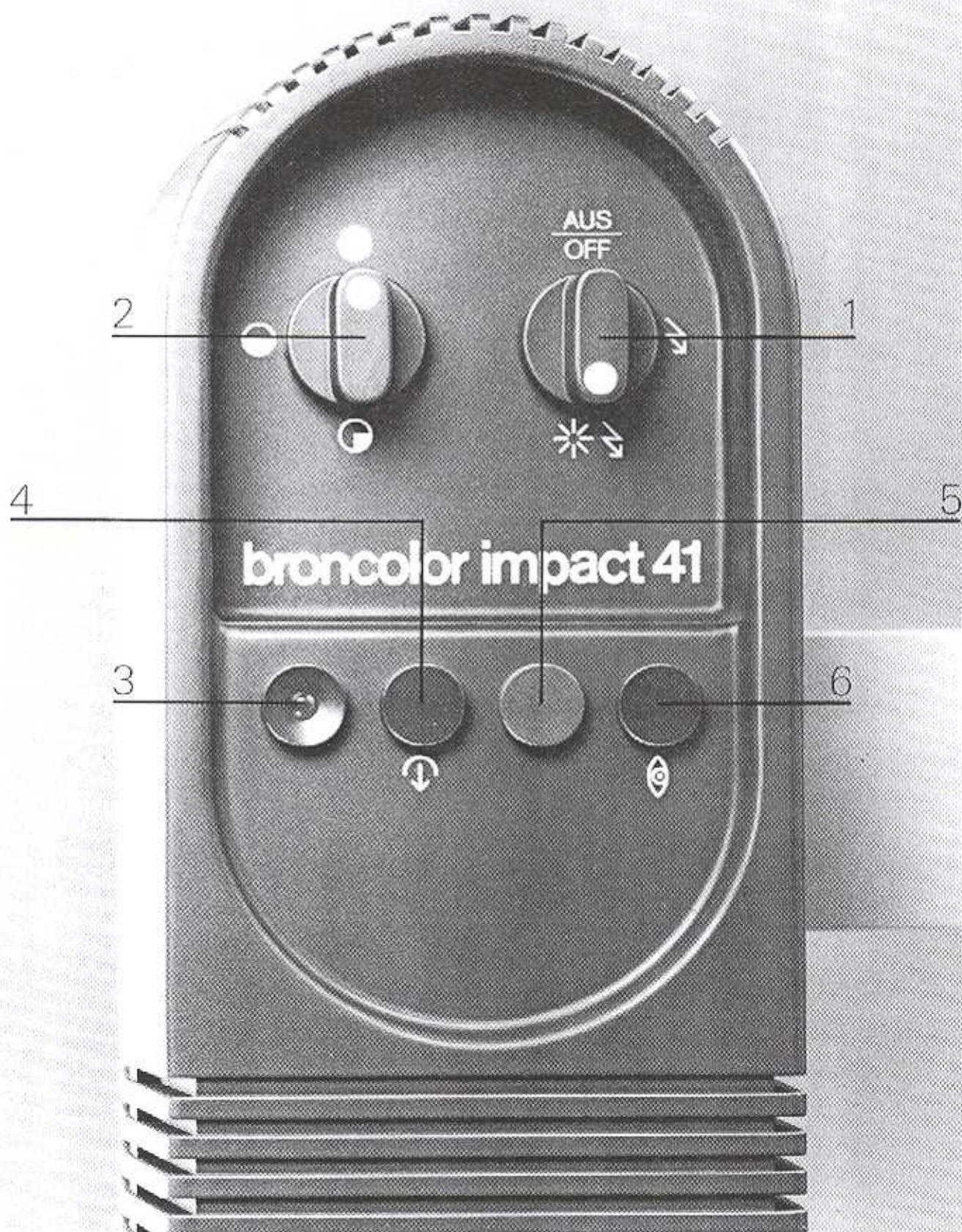


brnccolcr impact 21 impact 41



13.



Caution: Please read prior to startup

- Prior to replacing fuses, light bulbs or flash tubes, discharge the power pack and disconnect from power.
- Only those types of fuses indicated on the fuse label may be used. This is particularly important for fusing the halogen lamp in the lamp base which may burst if the wrong fuse is used.
- Only sand-filled fuses may be used. Sand-filled fuses can be identified by the opaque body of the fuse.
- The devices are designed for use in dry rooms. Protect them against splash water and against excessive exposure to dust.
- The devices are not suitable for use in an environment with risks of explosions.
- The accessories mounted to the lamp heads may heat up to high temperatures under specific conditions. Handle with care!
- With due allowance for heat radiation, lamp heads with more than 100 W modelling light may be directed against inflammable surfaces only at a minimum distance of 1 m.
- Flash light contains, similar to sunlight, a specific portion of UV light. The undesirable side effects on skin and eyes are considerably reduced by using flash tubes and glass hoods with UV coating. Without these or other protective filters, use extreme care when shooting.
- Even when disconnected from power, dangerous voltages may continue within the interior of the device. For this reason, devices should be opened by trained personnel only.

1. IMPACT 21, IMPACT 41

The two units differ from each other in:




1. flash power; 150 j or 300 j respectively
2. power regulation 1/1, 1/2, 1/4 *
* only for impact 41
3. weight

2. APPLICATIONS

Both units are independent of mains voltage and are designed for professional photographic applications.

3. OPERATION

MAINS SUPPLY !

- Set the voltage selector to the required mains supply values by using a coin or a screw driver (100 V / 110 V // 120 V / 200 V / 220 V / 240 V).
- Remove the protecting glass by turning it out of the bayonet mount.
- Connect the unit to the mains supply.
- Turn the ON/OFF switch (1) to position  for flash light only or to position  for flash and modelling light.
- Set the power selector (2) to the required position
1/1 = ●
1/2 = ◐
1/4 = ◑ only for impact 41
- The green ready signal (3) is illuminated.
- Function control for the flash light by pressing  button (4).

- Function control with a sync cable by releasing the camera shutter.
- Press button (6) to switch on infrared receiver and photo-cell.
- Function control with the IRI infrared release system (5).
- Control release by pressing the red button of the IRI transmitter on the camera. If no flash is fired, improve transmission by altering the direction of the transmitter and receiver or by reducing the transmission distance. Possibly replace the transmitter battery.

4. FLASH TUBE

- The units are equipped with a plug-in flash tube. To replace it, press the holding springs down and withdraw the tube.

5. MODELLING LAMP

The modelling lamp is inserted in the plug-in base.

6. FUSE RATING

The fuse is placed between the mains supply and the voltage selector. A 6,3 AF fuse protects the modelling lamp. To avoid malfunction, use only fuses with the prescribed rating.

7. PROTECTING GLASS

A protecting glass which is fixed with the holding springs provided protects flash tube and modelling lamp from damages.

8. BATTERY OPERATION

If no mains is available, a 12 V car battery converter serves to lead 1 to 3 units.

The modelling light cannot be used with the converter.

- Prepare the unit as if operated from the mains. Switch the modelling light off (set switch to position \searrow).
- Connect the converter to a 12 V car battery by means of the +/- terminals.
- Connect the unit to the converter (for several units use a distribution box). Switch the converter on.
- Switch converter off during intervals between flashing periods.
- A well charged battery permits approx. 200 flashes with the 300 j impact 41 unit.

9. MOUNTING

The L-bracket is fixed on the sides of the casing. This mounting enables the operating switches of the units to be directed towards the camera position. For mounting on a stand or onto the ceiling, screw the knob on the 3/8" thread of the stand.

10. INTERCHANGEABLE REFLECTORS

Reflectors and accessories are provided with an adapter which is fixed to the bayonet mounting with a slight turn.

11. UMBRELLA HOLDER

A special "oblique" reflector is available for the various umbrellas. The umbrella holder is integrated in the casing.

NOTE

This unit features a sync circuit with low operating voltage for a long life of your camera contact. The sync contact must not be paralleled with that of other brands using high sync voltages.

Do not use this unit without reflector!